

DEFINITIONS AND SPECIAL INSTRUCTIONS

1. Scope of survey

This survey covers firms engaged in the manufacture of underground mining machinery; mineral processing equipment; crushing, pulverizing, and screening machinery; portable oil and gas and water drilling rigs; and related mining machinery and equipment, including drills and breakers, and mine cars. It does not include conveyors, hoists, locomotives, or beneficiation equipment.

2. Figures to be reported

Companies with more than one establishment manufacturing the products covered by this survey are requested to complete a separate report form for each location. If you have not received a separate form for each of your establishments, please call the contact listed on the front of the report form or write to the U.S. Census Bureau for additional forms.

a. Value of shipments

The figures on value of shipments should include all products sold, transferred to other establishments within your company, or shipped on consignment, whether for domestic or export sale. The value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges and returns. Shipments to your own branches should be assigned the same value as comparable sales to unaffiliated customers, i.e., the value includes an appropriate allocation of company overhead and profit. Products bought and resold without further manufacture should not be included in shipments.

b. Columnar structure of report

Column 1 — Quantity (number of units)

Column 2 — Value of shipments (\$1000)

3. Definitions

Screens, vibrating (item codes 2475–2477) — Machines used for dry or wet screening applications, such as the sizing, washing, and dewatering of ores, coals, sand and gravel.

Portable drilling rigs (items codes 6005–6495) — Drills mounted on a carrier and used on the surface (above ground).

Cable tool (item code 6495) — Machines using percussion-type tools and cleaning the hole with tubular type bailing tools.

Reverse circulation (item code 6495) — Machines using a rotary drilling process where the drill cuttings and fluid return to the surface inside the drill stem (large diameter holes, 18" or larger).

Rotary drills (item codes 6005–6121) — Machines using a rotary drill pipe and continuous fluid cleaning the hole of filling (mud pump, air compressor, or combination).

Pull-back capacity (item codes 6005–6012) — Lifting capacity of drawworks, or hoisting capacity of taphead.

Pull-down capacity (item codes 6110–6121) — Capacity to apply bit pressure.

Bucket drills (item code 6350) — Machines which rotate a bucket and remove cuttings by lifting the bucket to be dumped.

Auger drills (item code 6350) — Machines which utilize continuous flight auger bits for removing cuttings.

Unit — Complete rig including carrier.

4. Comparability

Data reported in this survey should correspond to data reported in the Economic Census - Manufacturing Sector form. The sum of values for item codes shown in column (a) should correspond to dollar values reported under product codes indicated in column (b) below:

Current Industrial Reports (Form MA333F)	Economic Census - Manufacturing Sector
Item codes (a)	Product codes (b)
1085,1105,1142,1185	3331311 100
2415 through 2490	3331315 100
4004 through 4075	3331317 100
6005, through 6495, 6500	3331327 100

REFERENCE LIST

Form MA333F		
MINING MACHINERY AND MINERAL PROCESSING EQUIPMENT (DOMESTIC AND EXPORT SHIPMENTS)		
Product code	Item code	Item description
3331208111 3331208112 3331208113 3331208114 3331208116	0951 0952 0953 0954 0957	Portable crushing, screening, washing, and combination plants Crushing plants: Gyratory (cone) Impact Jaw Roll Screening, washing, and combination plants
3331311101 3331311106 3331311111 3331311116	1085 1105 1142 1185	Underground mining machinery (except parts sold separately): Continuous mining machines, borer, ripper, auger, and drum including roadheading machines Face haulage vehicles, rubber-tired, self-propelled Support vehicles, rubber tired or track-mounted All other underground mining machinery
3331315101 3331315106 3331315111 3331315116 3331315121 3331315126 3331315131 3331315136 3331315141	2415 2430 2440 2450 2465 2475 2476 2477 2490	Crushing, pulverizing and screening machinery (stationary, complete) (except parts sold separately): Crushers, stationary (including skid-mounted): Gyratory Impact Jaw Roll Grinding mills and pulverizers Screens, vibrating, stationary: Horizontal Inclined Other, including trommell Other crushing, pulverizing, and screening machinery
3331317102 3331317106 3331317111 3331317116	4004 4016 4051 4075	Drills and other mining machinery, not elsewhere classified (except parts sold separately): Drills and breakers (rotary and percussion): Rock drills, air and hydraulic powered Coal drills and core drills Roof bolters All other mining machinery and equipment
3331327116 3331327121 3331327126 3331327131 3331327136 3331327141 3331327146 3331327151 3331327256	6005 6007 6009 6012 6110 6121 6350 6495 6500	Portable drilling rigs and parts Rotary truck- and trailer- mounted: Up through 14,999 lbs. (pull-back capacity) 15,000 up through 29,999 lbs. (pull-back capacity) 30,000 up through 59,999 lbs (pull-back capacity) 60,000 lbs. and over (pull-back capacity) Rotary blasthole drills, truck-, trailer- or track-mounted: Up through 59,999 lbs. 60,000 lbs. and over Construction drills Other portable drilling rigs, including workover (service) rigs Parts for portable drilling rigs

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